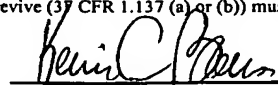


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER
		857_040 WO
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
		10/562518
INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US2004/023869	26 July 2004 (26.07.2004)	25 July 2003 (25.07.2003)
TITLE OF INVENTION		
SEMICONDUCTOR ELEMENTS HAVING ZONES OF REDUCED OXYGEN		
APPLICANT(S) FOR DO/EO/US		
Ralf Jonczyk, Scott L. Kendall and James A. Rand		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1.	<input checked="" type="checkbox"/>	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.
2.	<input type="checkbox"/>	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.
3.	<input checked="" type="checkbox"/>	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.	<input type="checkbox"/>	The US has been elected (Article 31).
5.	<input checked="" type="checkbox"/>	A copy of the International Application as filed (35 U.S.C. 371(c)(2))
	a. <input checked="" type="checkbox"/>	is attached hereto (required only if not communicated by the International Bureau).
	b. <input type="checkbox"/>	has been communicated by the International Bureau.
	c. <input checked="" type="checkbox"/>	is not required, as the application was filed in the United States Receiving Office (RO/US).
6.	<input type="checkbox"/>	An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
	a. <input type="checkbox"/>	is attached hereto.
	b. <input type="checkbox"/>	has been previously submitted under 35 U.S.C. 154(d)(4).
7.	<input checked="" type="checkbox"/>	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
	a. <input type="checkbox"/>	are attached hereto (required only if not communicated by the International Bureau).
	b. <input type="checkbox"/>	have been communicated by the International Bureau.
	c. <input type="checkbox"/>	have not been made; however, the time limit for making such amendments has NOT expired.
	d. <input checked="" type="checkbox"/>	have not been made and will not be made.
8.	<input type="checkbox"/>	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.	<input type="checkbox"/>	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.	<input type="checkbox"/>	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).
Items 11 to 20 below concern document(s) or information included:		
11.	<input checked="" type="checkbox"/>	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.	<input type="checkbox"/>	An Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.	<input checked="" type="checkbox"/>	A Preliminary Amendment.
14.	<input checked="" type="checkbox"/>	An Application Data Sheet under 37 CFR 1.76.
15.	<input type="checkbox"/>	A Substitute Specification.
16.	<input type="checkbox"/>	A Power of Attorney and/or Change of Address Letter.
17.	<input type="checkbox"/>	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.	<input type="checkbox"/>	A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.	<input type="checkbox"/>	A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
20.	<input checked="" type="checkbox"/>	Other items or information: International Publication (front page only)

Express Mail Number: EV 54942 5106 US

Page 2 of 2

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; text-align: center;">10/562518</div>		INTERNATIONAL APPLICATION NO. PCT/US2004/023869		ATTORNEY'S DOCKET NUMBER 857_040 WO	
The following fees are submitted:				Calculation s	PTO Use Only
21.	<input checked="" type="checkbox"/>	Basic National Fee	\$300.00	\$ 300.00	
22.	<input checked="" type="checkbox"/>	Examination Fee If International Preliminary Examination Report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4) \$100.00 All other situations \$ 200.00		200.00	
23.	<input checked="" type="checkbox"/>	Search Fee Search Fee has been paid on the International Application to USPTO as ISA \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$ 500.00		\$ 100.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets		Extra Sheets	Number of each additional 50 sheets or fraction thereof (round up to a whole number)	Rate	
33 - 100 =		0/50 =	0	x \$250.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).					
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims		18 -20 =	0	x \$50.00	
Independent Claims		1 - 3 =	0	x \$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 600.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.					
SUBTOTAL =				\$ 600.00	
Processing fee of \$130.00 for furnishing the English Translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).					
TOTAL NATIONAL FEE =				\$ 600.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property					
TOTAL FEES ENCLOSED =				\$ 600.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$600.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>50-1446</u> in the amount of \$_____ to cover the above fees. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>50-1446</u> . A duplicate copy of this sheet is enclosed.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Customer No. 025191					
Burr & Brown P.O. Box 7068 Syracuse, NY 13261-7068			Telephone: (315) 233-8300 Facsimile: (315) 233-8320		
 Kevin C. Brown Reg. No. 32,402					

IAP15 Rec'd PCT/PTO 28 DEC 2005

Practitioner's Docket No.: 857_040 WO

PATENT

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

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APPLICANT(S) FOR DO/US

Ralf Jonczyk, Scott L. Kendall and James A. Rand

EXPRESS MAIL CERTIFICATE

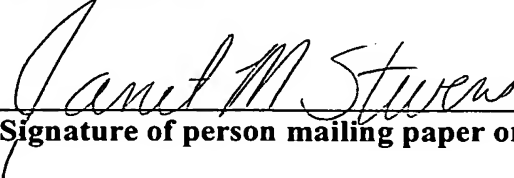
"Express Mail" label number: **EV 54942 5106 US**Date of Deposit: **December 28, 2005**I hereby state that the following *attached* paper(s) or fee

1. Transmittal Letter to the U.S. DO/EO/US Concerning a Filing Under 35 U.S.C. 371 (2 pages) (in duplicate)
2. A Patent Application Bibliographic Data Sheet (3 pages)
3. An Application Under 35 U.S.C. 371 consisting of:
 - 20 pages of Specification (pages 1-20)
 - 3 pages of Claims (18 claims, 1 indep.) (pages 21-23)
 - 1 page Abstract (page 24)
 - 4 sheets of Drawings (Figs. 1-13)
4. A Preliminary Amendment (pages 1-5)
5. An Information Disclosure Statement (2 pages), Form PTO-1449 (1 page) and an International Search Report (PCT/ISA/210) dated November 26, 2004 citing four (4) references,
6. PCT Request (pages 1/4-4/4),
7. International Publication (front page only), and
8. Our check in the amount of \$600.00

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10, on the date indicated above and is addressed to:

Mail Stop PCT
Attention: DO/US
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450.

Janet M. Stevens



Signature of person mailing paper or fee